

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1	"5130599".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 08:34
S1	1	"10579193"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:16
S2	2183	310/311 or 310/316.01	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:20
S3	41	S2 and (drive adj device)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:17
S4	0	S3 and ultrasonic with linear with motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:18
S5	7	S3 and ultrasonic and linear and motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:18
S6	2396	310/311 or 310/316.01 or 310/323.02	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:20
S7	3715	310/311 or 310/316.01 or 310/323	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:20
S8	79	S7 and (drive adj device)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 10:26
S9	10	S8 and (linear adj motor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 09:21
S10	0	("2007/0096598").URPN.	USPAT	OR	ON	2007/06/27 09:49
S11	38	S8 and (slop\$4 or angle\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 10:28
S12	3	S8 and ((slop\$4 or angle\$1) same roller\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 10:29

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S13	49	(US-20070096598-\$ or US-20010032513-\$ or US-20020130442-\$ or US-20060042104-\$ or US-20040093949-\$ or US-20040142602-\$).did. or (US-4999536-\$ or US-5013958-\$ or US-5193405-\$ or US-5771134-\$ or US-6049968-\$ or US-5247581-\$ or US-4137776-\$ or US-4593569-\$ or US-6091179-\$ or US-6346107-\$ or US-6401044-\$ or US-6516668-\$ or US-6663818-\$ or US-5836639-\$ or US-4799365-\$ or US-5216313-\$ or US-5347997-\$ or US-5406432-\$ or US-5585686-\$ or US-5661242-\$ or US-5894901-\$ or US-5903517-\$ or US-5956880-\$ or US-5991638-\$ or US-RE36564-\$ or US-6113139-\$).did. or (US-6217350-\$ or US-6440601-\$ or US-6692311-\$ or US-6854332-\$ or US-6945828-\$ or US-7008240-\$ or US-5374323-\$ or US-5360496-\$ or US-4291578-\$ or US-4823790-\$ or US-4888516-\$ or US-5438229-\$ or US-5614670-\$ or US-5971225-\$ or US-3793723-\$ or US-4173725-\$ or US-4246791-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/27 13:14
S14	4	S13 and upper and lower and slop\$4	US-PGPUB; USPAT	OR	ON	2007/06/27 13:40
S15	1	"5267796".pn.	US-PGPUB; USPAT	OR	ON	2007/06/27 14:13
S17	1	"6091179".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 14:35
S18	1	"10579193"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 14:39
S19	1699	310/323	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 14:39
S20	259	S19 and ultrasonic and linear and motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 15:07
S21	8	S20 and rail with vibrator\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 14:42

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S22	123	S20 and vibrator\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 15:42
S23	0	rail with sandwich with vibrators\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 15:09
S24	56	S19 and ultrasonic adj vibrator\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 15:53
S25	50	310/323.13	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:09
S26	21	310/323.14	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:11
S27	13097	(ultras\$7 same (roller or ball or "output member"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:18
S28	1098	S27 and vibrator\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:18
S29	395	S28 and piezo\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:20
S30	3	310/384	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:21
S31	17	("5267796").URPN.	USPAT	OR	ON	2007/12/05 16:39
S32	6	("3301611"   "4662762"   "4682899"   "4797011"   "4978233").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:57
S33	157712	"384"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:57
S34	309	384/8	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 17:07
S35	3	"4999536".pn. or "6091179".pn. or "5267796".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 17:08